Mountain Weather Forecast

Lake District National Park

Forecast valid from 06:00 on Tuesday 22 Feb 2022 until 23:59 on Wednesday 23 Feb 2022

Forecast Issued on Tuesday 22 Feb 2022 at 04:39

Confidence: High for changeable, unsettled conditions.

Headline for Tuesday 22 Feb 2022: Heavy rain at first soon clearing then bright with sunny intervals and a few showers falling as snow on the mountains. Gales, severe at first.

Mountain weather hazards on Tuesday 22 Feb 2022

Blizzards
No Likelihood

Gales
High Likelihood

Thunderstorms
No Likelihood

Heavy persistent snow
No Likelihood

Severe chill effect
High Likelihood

Heavy persistent rain
Low Likelihood

Storm force winds
Low Likelihood

Poor visibility
Medium Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 800m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Light rain	Light rain	Sleet showers	Light snow showers	Partly cloudy (night)	Partly cloudy (night)
Precipitation probability					
60%	50%	30%	30%	10%	10%

Forecast for Tuesday 22 Feb 2022

Weather: Occasionally heavy rain clearing southeast through the morning, perhaps turning to wet snow on the highest tops before clearing, accompanied by some squally winds, quickly brightening up to sunny intervals and scattered showers falling increasingly as snow above 450m. Very cold and windy over the tops. Showers dying out during the evening.

Chance of cloud-free hill tops above 800m: 10% at first improving to 75% or more by mid-morning.

Low cloud and visibility: Extensive cloud at 300-600m at first with poor visibility in the heavy rain and summit sleet or wet snow, but quickly improving to bring generally good visibility through the day with cloud broken near or above summits. Temporary deteriorations to poor visibility and cloud at 600m or so in showers.

Check our weather forecast every day to get the most accurate and up to date information
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Met Office Mountain Weather Forecast

Forecast for Tuesday 22 Feb 2022

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	48/56 SW	42/51 NW	39/50 W	38/49 W	39/49 W	33/42 W	36/45 SW
600	34/43 SW	31/40 NW	31/42 W	31/43 W	30/41 W	27/37 W	29/41 SW
300	10/32 SW	12/35 NW	13/36 W	13/37 W	11/34 W	11/30 W	12/32 SW
Valley	6/26 SW	11/32 NW	13/32 W	13/32 W	11/30 W	11/27 W	11/28 SW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	4/-5	1/-8	-0/-10	-1/-10	-1/-10	-1/-10	-1/-10
600	5/-2	3/-4	2/-5	1/-6	1/-6	1/-6	1/-6
300	6/3	5/1	5/1	4/0	4/-0	4/-0	3/-1
Valley	8/6	7/4	7/4	6/3	6/3	6/3	6/2
Freezing Level*	1500m	1000m	800m	700m	700m	700m	700m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Gusts of over 70mph possible for a short time around or soon after dawn.

Forecast for Wednesday 23 Feb 2022

Weather: After a dry night a mostly dry morning and early afternoon though quite cloudy with the odd light shower, perhaps a wintry flurry on the tops. Then from mid-afternoon cloud thickening to bring a band of quite heavy rain, again sleet or wet summit snow, this quite heavy snow starting to affect some of the lower fells down to 500-600m in the evening though clearing to scattered snow showers by midnight.

Maximum wind: Southwesterly 45 gusts 65mph. Severe wind chill.

Chance of cloud-free hill tops above 800m: 70% falling 40% in the afternoon and 20% from late afternoon to late evening.

Low cloud and visibility: Broken to overcast cloud in morning and early afternoon at 900m with some patches to 700m, generally lower bases late afternoon to mid evening at 500-800m, then well broken by midnight. Visibility away from cloud mainly good in morning then moderate occasionally poor in rain and then snow, occasionally very poor in heavier snow in the evening.

Temperature: **Valleys:** Plus 5 rising to Plus 8 Celsius, then dropping to Plus 1 in the evening.
At 800m: Plus 2 Celsius rising Plus 4 in afternoon then down to Minus 3 by late evening.
Freezing level: 750m early hours rising to just above summits, falling to 750m again by dusk and down to 450m by late evening.

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Mountain Weather Forecast

Ground Conditions Supplement

Date: Monday 21 February 2022. Location: Helvellyn summit at 13:00. Full report: Much of the Lake District fells up to summit level are once again clear of snow with the remaining cover generally to be found on steep NE to SE aspects above 700m. The snow cover is very localised and it looked like the Central Fells (Scafell Pike, Great End, Langdales, etc) had a lot more than the Coniston, Buttermere & Northern fells. Cooler temperatures followed yesterday's turbo thaw and there is a surprising amount of ice on the Helvellyn plateau. Today it was soft and thawing but a small drop in temperature will quickly freeze it hard creating a hazard on even easy angled paths. Striding & Swirral Edges can both be predominately climbed on rock but both sported a unavoidable bank of steep and icy snow above a large drop at their exits. Due to the amount of exposed rock a simple slip not quickly stopped could have very serious consequences. For this reason carrying an ice axe and crampons / microspikes is still essential for anyone venturing onto the snow even for only a very short section. The remnants of Storm Franklin meant that summit winds were extremely gusty today going from a flat calm to 50mph in a few seconds. The wind direction was also changing frequently and rapidly by up to 180 degrees creating very tricky conditions for anyone on exposed terrain (and for the fell top assessor taking his weather observations!).

Full winter clothing including plenty of warm & waterproof layers, hats & gloves plus a map, compass and torch are still essential for anyone out enjoying the high fells. Temperature: plus 1.4 C, Maximum wind speed 48.2 mph, Wind chill: minus 3.5C, Average wind speed: 16.2 mph

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